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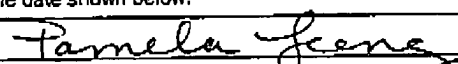
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| TRANSMITTAL FORM | Application Number | 09/735,577 091737536 | |
| | Filing Date | December 12, 2000 091737536 | |
| | First Named Inventor | Liu | |
| | Art Unit | 1631 | |
| | Examiner Name | Ardin Marschel | |
| (to be used for all correspondence after initial filing) | | | |
| Total Number of Pages in This Submission | 16 | Attorney Docket Number | 3364 |

| ENCLOSURES (check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <div style="border: 1px solid black; padding: 5px;"> Remarks </div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|--|----------|--------|
| Firm | Affymetrix, Inc. | | |
| Signature |  | | |
| Printed Name | Wei Zhou | | |
| Date | December 8, 2004 | Reg. No. | 44,419 |

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| Typed or printed name | Pamela Leong | Date | Dec. 8, 2004 |

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PATENT

Attorney Docket No. 3309

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Daniel M. Bartell, et al.

Examiner: Marschel, Ardin H

Serial No: 09/737,536

Group Art Unit: 1631

Filing Date: 12/13/2000

Title: **Systems and computer software
Products for comparing microarray spot
intensities**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT/ RESPONSE

Sir:

In response to the Office Action mailed April 29, 2004, Applicants respectfully request reconsideration of the pending rejections and reexamination of the application in view of the following supplemental amendment:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 12 of this paper.